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J1002 U.S. PTO  
10/06/02 01/30/02

## UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Attorney Docket No.: 020009  
Date: January 30, 2002  
Express Mail Label No.: EV074586132US  
Customer No.: 023696 Bar Code  
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PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): YU-CHUAN LIN  
For: RECEIVER NOISE ESTIMATION

Enclosed are:

1.  Patent application (29) total pages.
2.  Drawings:  Formal (10) sheet(s) or  Informal ( ) sheet(s).
3.  Declaration/Power of Attorney:  Signed  Unsigned
4.  An Assignment ( ) pages and Recordation Form Cover Sheet.
5.  A Preliminary Amendment ( ) pages.
6.  Information Disclosure Statement (IDS):
  - a.  PTO-1449
  - b.  Copies of IDS Citations (number of citations: )
7.  Other:

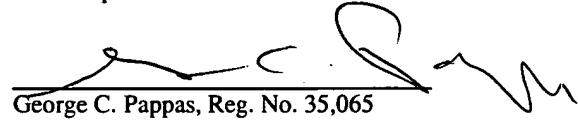
CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	37 - 20	27	x \$18 =	\$486
Independent**	7 - 3	4	x \$84 =	\$336
Multiple Dependent Claim(s):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		\$270	\$0
APPLICATION FILING FEE			\$740	\$740
			TOTAL FEE	\$1562

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Date: January 30, 2002

Signature:

  
George C. Pappas, Reg. No. 35,065  
(858) 651-1306

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:  
YU-CHUAN LIN**

## For: RECEIVER NOISE ESTIMATION

**Serial No.:** UNKNOWN

## Group Art Unit: UNKNOWN

**Filed: HEREWITH**

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

Commissioner of Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Dear Sir:

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. Enclosed herewith are the following documents: TRANSMITTAL LETTER; CERTIFICATE OF MAILING UNDER 37CFR § 1.10; PATENT APPLICATION IN 29 PAGES, FORMAL DRAWINGS IN 10 pgs; and POSTCARD.

Darla D. Lallo

(Name)

(Signature)

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NOTICE OF FEE DUE

J1002 U.S. PTO  
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APPLICATION NUMBER: 10062155

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If you have any questions, please contact Cynthia Streater at 703-306-5430 or Eleanor Kurtz at 703-308-3642.

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